

1 WHAT IS CLAIMED IS:

- 2 1. An apparatus for measuring and displaying one or more hemodynamic parameters,
3 comprising:
4 a. a portable body sized to be handheld;
5 b. a doppler ultrasound unit mounted in the body;
6 c. a display mounted in the body, said display being capable of displaying at
7 least one measured hemodynamic parameter;
8 d. a transducer mounting assembly comprising at least one ultrasound
9 transducer, wherein the mounting assembly is connected to the body such
10 that the distance the mounting assembly and the body can be adjusted by a
11 user using only one hand; and
12 e. a triggering mechanism connected to the doppler ultrasound unit.
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14 2. The apparatus of claim 1, wherein the transducer mounting assembly comprises an
15 array of ultrasound transducers.
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17 3. The apparatus of claim 2, wherein the array is curved.
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19 4. The apparatus of claim 1, wherein the triggering mechanism is capable of actuating
20 the doppler ultrasound unit.
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22 5. The apparatus of claim 1, wherein the mounting assembly is connected to the body
23 by a wire.
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25 6. The apparatus of claim 1, wherein the triggering mechanism is connected to the
26 transducer by a wire.
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